

I CLAIM

1. A pen-shaped tire pressure gauge comprising:

A hollow body having one end formed with a recessed pressure measuring head, said hollow body  
5 having the other end formed with an open end, said hollow body having its interior formed with an accommodating space, said accommodating space formed with an annular stepped surface on the inner wall near said pressure measuring head, said pressure  
10 measuring head fitted therein with a rubber ring, said rubber ring provided with a press rod protruding outward from the center, with an air intake passageway formed between said rubber ring and said press rod, said air intake passage communicating with  
15 the interior of said hollow body, said pressure measuring head having its outside fitted with a metallic protecting ring, said pressure measuring head having its backside formed integral with an exhausting push rod, said exhausting push rod not communicating  
20 with the interior of said hollow body, said hollow body having said open end provided with a combining unit:

A coiled spring received in said accommodating space of said hollow body, said coiled spring having  
25 its upper end fitted with a piston facing said pressure measuring head, said piston pushing against the lower edge of said annular stepped surface of said

accommodating space:

A scale rod received in said coiled spring, said scale rod together with said coiled spring positioned in said hollow body, said scale rod having its outer wall marked with graduations, said scale rod having  
5 its lower end fitted with a stop ring and a stop sleeve:  
and

A fixing cap combined with said combining unit of said open end of said hollow body, said fixing cap  
10 having one end of its inner wall formed with a stop wall, said stop wall stopping and restricting said stop sleeve and other components from dropping out of said hollow body.

2. The pen-shaped tire pressure gauge as claimed  
15 in Claim 1, wherein said combining unit of said open end of said hollow body is bored with two opposed insert grooves and two opposed engage holes in the inner wall of said open end, and said fixing cap has its outer wall formed integral with two opposed engage  
20 projections, said two engage projections correspondingly moved along said two insert grooves and engaged in said two engage holes.

3. The pen-shaped tire pressure gauge as claimed in Claim 1, wherein said combining unit of said open  
25 end of said hollow body has the inner wall of said open end formed with female threads, while said fixing cap has its outer wall formed with male threads so that

said fixing cap can be threadably combined with said open end of said hollow body.

4. The pen-shaped tire pressure gauge as claimed in Claim 1, wherein said combining unit of said open  
5 end has the outer wall of said open end formed with male threads, while said fixing cap has its inner wall formed with female threads to threadably combine said fixing with said open end.

5. The pen-shaped tire pressure gauge as claimed  
10 in Claim 1, wherein an air intake hole is bored at the bottom of one side of said press rod of said pressure measuring head to communicate said accommodating space with said air intake passageway.

6. The pen-shaped tire pressure gauge as claimed  
15 in Claim 1, wherein said hollow body has its outer wall fixed with a pen clip near said pressure measuring head.

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